

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"2000094707"	EPO; JPO; DERWENT	OR	OFF	2006/03/31 13:15
L2	0	stor\$3 with device with predetermined with time and water near soluble	EPO; JPO; DERWENT	OR	OFF	2006/03/31 13:16
L3	16	stor\$3 with device with predetermined with time and water near soluble	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/31 13:17
L4	1143	storing with (ink near jet near (printer or head))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/31 13:18
L5	94	storing with (ink near jet near (printer or head)) with time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/31 13:19
L6	25	storing near (ink near jet or ejection near head)	EPO; JPO; DERWENT	OR	OFF	2006/03/31 13:27
L7	33	storage near (liquid or fluid or solution) same (ejection or ink near jet) near head	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 13:28
L8	17	("4313124"   "4345262"   "4433341"   "4435719"   "4459600"   "4463359"   "4558333"   "4608577"   "4723129"   "4725849"   "4740796"   "4929963").PN. OR ("5943078").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 13:32
L9	0	cleaning near (prior or befor) near us\$3 same (ink near jet or inkjet or ejection) near (head or device)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 13:33
L10	0	cleaning near (prior or before) near us\$3 same (ink near jet or inkjet or ejection) near (head or device)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 13:35
L11	68	cleaning same (prior or before) same us\$3 same (ink near jet or inkjet or ejection) near (head or device)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 13:54
L12	138	storage near liquid and ink and head	EPO; JPO; DERWENT	OR	OFF	2006/03/31 13:55
L13	17	storage adj liquid and ink and head	EPO; JPO; DERWENT	OR	OFF	2006/03/31 13:55

## EAST Search History

S1	11298	film near pattern	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 16:05
S2	54	S1 and liquid near2 ejection	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/07 09:07
S3	1	"5132248".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/07 09:08
S4	1	"6063339".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/07 09:09
S5	49	("2264564"   "5056462"   "5324480"   "5334353"   "5338688"   "5509966"   "5593893"   "5601982"   "5738728"   "5741554"   "5743960"   "5756050"   "5763278"   "5770160"   "5925732").PN. OR ("6063339").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/07 09:09
S6	39	("5741554").URPN.	USPAT	OR	OFF	2006/03/07 09:27
S7	0	4237/256.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/07 09:35
S8	1184	427/256.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/07 09:49
S9	664	S8 and liquid	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/07 09:49
S10	396	S9 and pattern	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/07 10:35
S11	86419	clean\$3 near liquid near S4 ejection	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/07 10:36
S12	71	clean\$3 near liquid near2 ejection	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/07 10:48
S13	86	ink near jet near head near cleaning	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/07 10:50
S14	17	liquid near2 ejection near head near clean\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/07 10:54

## EAST Search History

S15	4	"10337882"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/07 10:54
S16	6	liquid near ejection near head near clean\$3	EPO; JPO; DERWENT	OR	OFF	2006/03/07 10:55
S17	116518	pattern near form\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/20 14:12
S18	6590	S17 and film near pattern	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/20 14:12
S19	1720040	S18 abd liquid	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/20 14:13
S20	3163	S18 and liquid	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/20 14:13
S21	1159	S20 and solvent and water	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/20 14:14
S22	82	S21 and bank\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/20 14:14
S24	28	liquid with ejection with head and water and solvent same solution and banks	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 10:57
S25	1	"5132248".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 10:57
S26	1	"5126766".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 11:05
S27	0	patter near fomr\$4	EPO; JPO; DERWENT	OR	OFF	2006/03/29 11:05
S28	116	patter near form\$4	EPO; JPO; DERWENT	OR	OFF	2006/03/29 11:05
S29	86207	pattern near form\$4	EPO; JPO; DERWENT	OR	OFF	2006/03/29 11:06
S30	14015	S29 and liquid wiht ejection with head	EPO; JPO; DERWENT	OR	OFF	2006/03/29 11:06
S31	24	S29 and liquid with ejection with head	EPO; JPO; DERWENT	OR	OFF	2006/03/29 11:49
S32	167	cleaning with ejection with head	EPO; JPO; DERWENT	OR	OFF	2006/03/29 12:11

## EAST Search History

S33	313	134/22.19,22.1,22.11,22.12,22.14,26.ccls.	EPO; JPO; DERWENT	OR	OFF	2006/03/29 12:12
S34	4366	134/22.19,22.1,22.11,22.12,22.14,26.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 12:12
S35	32	S34 and pattern near (forming or formation)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 12:30
S36	0	S34 and clean\$3 near ink near jet near head	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 12:30
S37	87	clean\$3 near ink near jet near head	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 12:30
S38	5119	clean\$3 same passage same solution	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 10:39
S39	556	S38 and pattern	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 10:26
S40	1	"6599582".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 10:24
S41	11	("3982251"   "4509057"   "4891242"   "5132248"   "5483265"   "5537137").PN. OR ("6599582").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 10:24
S42	11	S39 and ejection near head	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 10:26
S43	3	("5479196"   "5670997"   "6126261").PN. OR ("6672704").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 10:38
S44	1036	S38 and water and solvent	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 10:39
S45	41	S38 and (ejection near head or ink near jet)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 10:42
S46	3	ejection near head and storage near solution	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 10:43
S47	76692	clean\$3 same (ink near jet or ejection near head or passage)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 10:43

## EAST Search History

S48	8029	clean\$3 near3 (ink near jet or ejection near head or passage)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 10:43
S49	2588	clean\$3 near (ink near jet or ejection near head or passage)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 10:47
S50	353	S49 and water and solvent	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 10:45
S51	2202	clean\$3 near (passage)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 10:47
S52	214	S51 and solvent and water	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 10:47
S53	31	("2222516").URPN.	USPAT	OR	OFF	2006/03/30 10:54
S54	14966	clean\$3 same (ink near jet or passage or ejector near head)	EPO; JPO; DERWENT	OR	OFF	2006/03/30 12:11
S55	962	clean\$3 near (ink near jet or passage or ejector near head)	EPO; JPO; DERWENT	OR	OFF	2006/03/30 10:55
S56	9	S55 and water and solvent	EPO; JPO; DERWENT	OR	OFF	2006/03/30 10:57
S57	2078860	S55 water	EPO; JPO; DERWENT	OR	OFF	2006/03/30 10:57
S58	185	S55 and water	EPO; JPO; DERWENT	OR	OFF	2006/03/30 11:20
S59	2673	clean\$3 adj2 passage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/30 11:56
S60	1008	S59 and liquid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/30 11:39
S61	141	S60 and pattern	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/30 11:41
S62	12	("5347713").URPN.	USPAT	OR	OFF	2006/03/30 11:55
S63	20	clean\$3 adj ink near passage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/30 12:08

## EAST Search History

S64	3	("4966480").URPN.	USPAT	OR	OFF	2006/03/30 11:58
S65	0	"4090392660"	EPO; JPO; DERWENT	OR	OFF	2006/03/30 12:08
S66	0	"409039260"	EPO; JPO; DERWENT	OR	OFF	2006/03/30 12:08
S67	93	ink near jet near head near clean\$3	EPO; JPO; DERWENT	OR	OFF	2006/03/30 12:54
S68	1	"7015503"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 12:57
S69	1	"20040195205"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 12:57
S70	1	"6755983".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 12:58
S71	1	"6476988".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 14:01
S72	219	stor\$3 near (ink near jet or ejection near head)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 14:04
S73	4	S72 and storage near solution	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 14:07
S74	4369	134/22.19,22.1,22.11,22.12,22.14, 26.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 14:07
S75	12	S74 and (ink near jet or ejection near head)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 14:08
S76	10	("4296418"   "4528996"   "4542389"   "4623897"   "4928114").PN. OR ("6273103").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 14:11
S77	2154	ink near jet with clean\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 08:16
S78	5563	ink near jet with stor\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 08:23
S79	1304	S77 and stor\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 08:19
S80	635	S79 and water	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 08:22

## EAST Search History

S81	10619	ink near jet same stor\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 08:27
S82	3381	(ink near jet) same stor\$4 and clean\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 08:23
S83	1769	S82 and water	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 08:23
S84	945	S83 and alcohol	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 08:25
S85	3	S84 and tetradecane	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 08:25
S86	8	ink near jet same stor\$4 and water and alcohol and tetradecane	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 08:28
S87	4805	storing same (ink near jet or inkjet or ejection and head)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 08:29
S88	4478	storing same (ink near jet or inkjet or ejection near head)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 08:29
S89	1705	S88 and clean\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 08:30
S90	768	S89 and water	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 08:40
S91	388	clean\$4 near (ink near jet or ejection near head)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 08:42
S92	7140	(ink near jet or ejection near head) and polyethylene near glycol	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 08:43
S93	7119	(ink near jet) and polyethylene near glycol	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 08:43
S94	110	(ink near jet) and polyethylene near glycol same stor\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 08:55
S95	8	("4623557"   "5017545").PN. OR ("5539038").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 08:55

## EAST Search History

S96	15	(ejection near head) and polyethylene near glycol same stor\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 08:57
S97	57	(ejection near head) and water near soluble same stor\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 09:04
S98	5551	stor\$3 with (ink near jet)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 09:38
S99	2631	storage with (ink near jet)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 09:04
S100	56	storage with (ejection near head)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 09:05
S101	82	storing with (ejection near head)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 09:09
S102	67	stor\$3 with passage and (ejection near head)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 09:13
S103	127	fill\$3 with passage and (ejection near head)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 09:28
S104	2	(ejection near head) with fill\$3 with (water near soluble)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 09:32
S105	4	(ink near jet near head) with fill\$3 with (water near soluble)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 09:33
S106	0	(ejection near head) with fill\$3 with (water near soluble)	EPO; JPO; DERWENT	OR	OFF	2006/03/31 09:32
S107	1	(ejection near head) and fill\$3 and (water near soluble)	EPO; JPO; DERWENT	OR	OFF	2006/03/31 09:33
S108	4	(ink near jet near head) and fill\$3 and (water near soluble)	EPO; JPO; DERWENT	OR	OFF	2006/03/31 09:33
S109	10586	ink near jet and pattern and solvent	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 10:33
S110	572	ink near jet and pattern and fill\$3 with solvent	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 10:33
S111	259	(ink near jet) and pattern and (fill\$3 with solvent) and (fill\$3 with (fluid or liquid))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 10:39



## EAST Search History

S11 2	1	stor\$3 near ejection near head	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 10:39
S11 3	199	stor\$3 near ink near jet	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 10:46
S11 4	5825	liquid with eject\$4 and pattern	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 10:51
S11 5	95	cleaning near (ink near jet or inkjet) near head	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 10:51
S11 6	4369	134/22.19,22.1,22.11,22.12,22.14, 26.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 11:04
S11 7	18	S116 and (ink near jet or inkjet or eject\$3 near head)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 11:05
S11 8	5	("5314580"   "5660684"   "6265363"   "6342105"   "6451103").PN. OR ("6786975").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 11:26
S11 9	14	("4256610"   "4655909"   "4769170"   "4829897"   "5347713"   "5605881"   "5786829"   "5825380"   "5917512"   "5954891"   "6086191").PN. OR ("6342105"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 11:27
S12 0	28	("4047186"   "4313124"   "4345262"   "4417251"   "4459600"   "4463359"   "4558333"   "4608577"   "4657631"   "4680859"   "4685185"   "4723129"   "4725851"   "4740796"   "5057853"   "5072240").PN. OR ("5347713"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/31 11:28
S12 1	10	("4769170").URPN.	USPAT	OR	OFF	2006/03/31 13:05